

STATE OF MONTANA
Department of Environmental Quality
Helena, Montana 59620

AIR QUALITY OPERATING PERMIT #OP2806-03

Administrative Amendment Application Received: **October 6, 2003**
Application Deemed Administratively Complete: **October 6, 2003**
Application Deemed Technically Complete: **October 6, 2003**
AFS Number: **30-063-0001A**

Date of Decision: **November 25, 2003**
Effective Date: **December 27, 2003**
Expiration Date: **September 5, 2003**

In accordance with Section 75-2-217 and 218, MCA, and Administrative Rules of Montana (ARM), Title 17, Chapter 8, Subchapter 12, Operating Permit Program, ARM 17.8.1201, *et seq.*,

Stimson Lumber Company
Bonner Operations
NE¼ Section 21 and NW¼ Section 22, Township 13 North, Range 18 West
Missoula County, Montana

hereinafter referred to as “Stimson,” is authorized to operate a stationary source of air contaminants consisting of the emission units described in this permit. Until this permit expires, is modified, or revoked, Stimson is allowed to discharge air pollutants in accordance with the conditions of this permit. All conditions in this permit are federally and state enforceable unless otherwise specified. Requirements that are only state enforceable are identified in the permit. A copy of this permit must be kept on-site at the above named facility.

Issued by the Department of Environmental Quality

Signature

____/____/_____
Date

Permit Issuance and Appeal Processes: In accordance with ARM 17.8.1210(j), the Department of Environmental Quality’s (Department) decision regarding issuance of an operating permit is not effective until 30 days have elapsed from the date of the decision issued November 25, 2003. The decision may be appealed to the Board of Environmental Review (Board) by filing a request for a hearing within 30 days after the decision. If no appeal is filed then the Department will send notification and a final permit cover page to be attached to this document stating that the permit is final. Questions regarding the final issuance date and status of appeals should be directed to the Department at (406) 444-3490.

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Terms not otherwise defined in this permit or in Appendix C to this permit shall have the meaning assigned to such terms in the referenced regulations.

Section I - General Information

Company Name: Stimson Lumber Company

Mailing Address: P.O. Box 1120
Bonner, MT 59823

Plant Name: Bonner Operation **Plant Location:** Highway 200, Bonner, MT

Plant Mailing Address: P.O. Box 1120, Bonner, MT 59823

Responsible Official: Dan Sweeney **Phone:** (503) 222-1676

Facility Contact Person: Richard Shimer **Phone:** (406) 258-2100

Primary SIC Codes: 2421, 2436

Nature of Business: Lumber and Plywood Manufacturing

Description of Process: Stimson's Bonner operation consists of both a plywood mill and a stud-grade lumber mill. The two mills are essentially separate, other than sharing the same hog-fuel boiler as a steam source. Stimson also operates two wastewater treatment plants and a landfill at the Bonner site. One water treatment plant handles wastewater from the plywood plant and the other handles water from the remainder of the plant, as well as a portion of the discharge from the city of Bonner. The landfill is a class III landfill and accepts only logyard waste.

The sawmill includes debarkers, saws, chippers, drying kilns, planers, and indoor storage. The byproducts of lumber manufacturing are sawdust, wood chips, planer shavings, and hog fuel. These byproducts may be burned in the hog fuel boiler or stored in bins until the material is sold and transferred off site.

The plywood plant uses raw logs, which are first debarked and cut to length. The logs are soaked in hot water baths prior to being lathed into veneer sheets. The veneer sheets are then dried using steam from the hog-fuel boiler and "laid-up" into the plywood panels using foam glue. Defects in the veneer can be removed and plugged with the common football shaped inserts. A scarfing machine can also be used to join shorter sheets of veneer into longer sheets. Prepresses and then the large plywood presses provide the necessary pressure and steam heat to bond the veneer into plywood. Defects in the plywood face are filled with patching compound and some species of wood are sized with urea to prevent the surface from fuzzing prior to the sheets being sanded, trimmed, bundled and stored for shipment. By-products from the plywood process are essentially the same as those from the stud mill.

Steam for the facility is provided by a Riley-Stoker hog fuel boiler rated at 200,000 lbs of steam per hour. The boilers air intake includes the exhaust from the veneer dryers to control particulate and VOC emissions from the dryers and a wet scrubber control the boiler exhaust. A Nebraska natural gas-fired boiler rated at 70,000 lbs of steam per hour is used as a backup. Nitrogen oxide emissions from this boiler are controlled by flue gas recirculation.

Section II - Summary of Emission Units

The following emission units regulated by this permit (ARM 17.8.1211):

Emissions Unit ID	Description	Pollution Control Device/Practice
S01	Sawmill Log Debarker	None
S02	Sawmill Bucking Saws	None
S03	Sawmill Hog Fuel and Chips Handling	None
S04	Chip Storage Pile	None
S05	Sawmill Building	Building provides some PM control
S06	Lumber Dry Kilns	None
S07	Planer Baghouse #3	Baghouse is control device
P01	Plywood Log Debarker	None
P02	Plywood Mill Bucking Saws	None
P03	Plywood Mill Hog Fuel and Chips Handling	None
P04	Lathe Rejects Screening	None
P05	Plywood Building	None
P06	Plywood Layup Baghouse	Baghouse is control device
P07	Hog Press Sawline Baghouse	Baghouse is control device
P08	Sander Baghouse	Baghouse is control device
P09	Saw Baghouse	Baghouse is control device
P10	Plywood Press Vent	None
P11	Knife Grinding Room	None
P12	Veneer Dryers	Veneer Gas Routed to Boiler
P13	Plywood Prime Line (Duratemp® Prime Line)	None
B01	Boiler #1 (Hog Fuel Fired)	None
B03	Boiler #3 (Natural gas fired)	Flue gas recirculation
F01	Beauty Bark Processing	None
F02	Landfill	None
F03	Outdoor Fuel Storage Pile	None
F04	Indoor Fuel Storage Pile	None
F05	A-frame Shavings & Bark Bin Loadout	None
F06	Plywood Chip Bin loadout	None
F08	Log Yard Leveling	None
F09	Waste Water treatment Plant	None
F10	#1 Baghouse on A-frame	Baghouse is control device
F11	#2 Baghouse on A-frame	Baghouse is control device
F12	Boiler Sander Dust Baghouse	Baghouse is control device
F13	Fugitive Emissions: Vehicle Traffic	Unpaved roads are watered as needed to control dust
F14	Rail Chip Surge Bin Loadout	None
H01	Vehicle Fueling Tanks (Gasoline – 1000 gal, Diesel - 12,000; 10,000; 8000; 8000 and 500 gal)	Submerged Fill Pipes
H03	Maintenance Activities	None
C01	Planer Shavings Cyclone (not in use)	Cyclone is control device
C02	Plywood Fines Cyclone	Cyclone is control device
C03	Fines Pipe Cyclone	Cyclone is control device
C04	Shavings Bin Cyclone	Cyclone is control device
C05	Fines Pipe Cyclone (not in use)	Cyclone is control device
C06	Beauty Bark Bin Cyclone (not in use)	Cyclone is control device
C07	Cyclone for Auxiliary Fuel System	Cyclone is control device

Emissions Unit ID	Description	Pollution Control Device/Practice
C08	Plywood Fines Bin Cyclone	Cyclone is control device
C09	Fishtail Saw Cyclone above #1 Surge Bin	Cyclone is control device
C10	Processor Chips Cyclone above #3 Surge bin	Cyclone is control device
C11	Sawmill Chips Cyclone	Cyclone is control device
C13	Rail Chip Cyclone	Cyclone is control device

Section III - Permit Conditions

The following requirements and conditions are applicable to the facility or specific emission units located at the facility. (ARM 17.8.1211, 1212, and 1213)

A. Facility Wide

Rule Citation	Pollutant/Parameter	Limit/Condition	Reference
ARM 17.8.304(1) - Visible Air Contaminants	Opacity	40%	1
ARM 17.8.304(2) - Visible Air Contaminants	Opacity	20%	2
ARM 17.8.308(1) - Particulate Matter, Airborne	Fugitive Opacity	20%	3
ARM 17.8.308(2) - Particulate Matter, Airborne	Reasonable Precaution	-----	4
ARM 17.8.308 - Particulate Matter, Airborne	Reasonable Precaution – Construction	20%	5
ARM 17.8.309 - Particulate Matter, Fuel Burning Equipment	Particulate Matter	$E = 0.882 * H^{-0.1664}$ $E = 1.026 * H^{-0.233}$	6
ARM 17.8.310 - Particulate Matter, Industrial Processes	Particulate Matter	$E = 4.10 * P^{0.67}$ or $E = 55 * P^{0.11} - 40$	7
ARM 17.8.322(4) - Sulfur Oxide Emissions – Sulfur in Fuel	Sulfur in Fuel -- (liquid or solid fuels)	1 lb/MMBtu fired	8
ARM 17.8.322(5) - Sulfur Oxide Emissions – Sulfur in Fuel	Sulfur in Fuel -- (gaseous)	50 gr/100 CF	9
ARM 17.8.324(3) - Hydrocarbon Emissions – Petroleum Products	Gasoline Storage Tanks	Submerged Fill Pipe	10
ARM 17.8.715 - Emission Control Requirements	Pneumatic Sanderdust & Sawdust Conveying	Bag Filter Control	11
ARM 17.8.715 - Emission Control Requirements	Paved Portions of General Plant	Must be Maintained	12
Asbestos Abatement Annual Permit #MTF0006	Asbestos	-----	13
ARM 17.8.1207 and 1212	Monitoring and Reporting	See Below	14

Conditions

- A.1. Pursuant to ARM 17.8.304(1), Stimson shall not cause or authorize emissions to be discharged into the outdoor atmosphere from any source installed on or before November 23, 1968, that exhibit an opacity of 40% or greater averaged over six consecutive minutes unless otherwise specified by rule or in this permit.
- A.2. Pursuant to ARM 17.8.304(2), Stimson shall not cause or authorize emissions to be discharged into the outdoor atmosphere from any source installed after November 23, 1968, that exhibit an opacity of 20% or greater averaged over six consecutive minutes unless otherwise specified by rule or in this permit.

- a. During the building of new fires, cleaning of grates or soot blowing, the provisions of condition A.2 shall apply, except that a maximum average of 60% is permissible for not more than one four-minute period in any 60 consecutive minutes (ARM 17.8.304(3)).
- A.3. Pursuant to ARM 17.8.308(1), Stimson shall not cause or authorize the production, handling, transportation, or storage of any material unless reasonable precautions to control emissions of particulate matter are taken. Such emissions of airborne particulate matter from any stationary source shall not exhibit an opacity of 20% or greater averaged over six consecutive minutes, unless otherwise specified by rule or in this permit.
- A.4. Pursuant to ARM 17.8.308(2), Stimson shall not cause or authorize the use of any street, road or parking lot without taking reasonable precautions to control emissions of airborne particulate matter, unless otherwise specified by rule or in this permit.
- A.5. Pursuant to ARM 17.8.308, Stimson shall not operate a construction site or demolition project unless reasonable precautions are taken to control emission of airborne particulate matter. Such emissions of airborne particulate matter from any stationary source shall not exhibit an opacity of 20% or greater average over six consecutive minutes, unless otherwise specified by rule or in this permit.
- A.6. Pursuant to ARM 17.8.309, Stimson shall not cause, suffer, allow or permit particulate matter caused by the combustion of fuel to be discharged from any stack or chimney into the outdoor atmosphere in excess of the maximum allowable emissions of particulate matter for existing fuel burning equipment and new fuel burning equipment calculated using the following equations:
- For existing fuel burning equipment (installed before November 23, 1968):
$$E = 0.882 * H^{-0.1664}$$
- For new fuel burning equipment (installed on or after November 23, 1968):
$$E = 1.026 * H^{-0.233}$$
- Where H is the heat input capacity in MMBtu per hour and E is the maximum allowable particulate emissions rate in lbs. per MMBtu.
- A.7. Pursuant to ARM 17.8.310, Stimson shall not cause or authorize particulate matter to be discharged, from any operation, process or activity, into the outdoor atmosphere in excess of the maximum hourly allowable emissions of particulate matter calculated using the following equations:
- For process weight rates up to 30 tons per hour: $E = 4.10 * P^{0.67}$
For process weight rates in excess of 30 tons per hour: $E = 55.0 * P^{0.11} - 40$.
- Where E = rate of emissions in pounds per hour and P = process weight rate in tons per hour.
- A.8. Pursuant to ARM 17.8.322(4), Stimson shall not burn liquid or solid fuels containing sulfur in excess of one pound per million Btu fired unless otherwise specified by rule or in this permit.
- A.9. Pursuant to ARM 17.8.322(5), Stimson shall not burn any gaseous fuel containing sulfur compounds in excess of 50 grains per 100 cubic feet of gaseous fuel, calculated as hydrogen sulfide at standard conditions unless otherwise specified by rule or in this permit.

- A.10. Pursuant to ARM 17.8.324(3), Stimson shall not load or permit the loading of gasoline into any stationary tank with a capacity of 250 gallons or more from any tank truck or trailer, except through a permanent submerged fill pipe, unless such tank is equipped with a vapor loss control device or is a pressure tank as described in ARM 17.8.324(1) unless otherwise specified by rule or in this permit.
- A.11. Pneumatic conveying systems for sanderdust and sawdust shall be equipped with bag filter collectors (ARM 17.8.752).
- A.12. Stimson shall maintain all paved portions of the general plant area (ARM 17.8.752).
- A.13. Stimson shall comply with all the limitations and requirements of their Asbestos Abatement Annual Permit #MTF0006.

Reporting Requirements

- A.14. On or before January 31 and July 31 of each year, Stimson shall submit to the Department the semiannual compliance monitoring reports required by Section V.D. These reports must contain all the information required by Section V.D., as well as the information required for each individual emissions unit.

By January 31 of each year, Stimson shall submit to the Department the annual compliance certification report required by Section V.B. The annual compliance certification report required by Section V.B. must include a statement of compliance based on the information available that identifies any observed, documented or otherwise known instances of noncompliance for each applicable requirement.

For the reports due by January 31 of each year, Stimson may submit a single report provided that it contains all the information required by Sections V.B. and V.D.

B. Boiler #1 (B01)

Permit Conditions	Pollutant/Parameter	Permit Limit	Compliance Demonstration Method Frequency		Reporting
A.2, B.3, B.8, B.10	Opacity	20%	Method 9	Semiannually	Semiannually
B.1, B.4, B.9, B.10	Particulate Matter	0.15 gr/dscf @ 12% CO ₂	Method 5	Every 4 years	Semiannually
A.6, B.4, B.9, B.10	Particulate Matter	$E = 1.026 * H^{-0.233}$			
B.2, B.5, B.7, B.10	Wet Scrubber	Operating	Recordkeeping	As Necessary	Semiannually
A.8, B.6, B.7, B.10	Sulfur in Fuel	1 lb/MMBtu fired	Recordkeeping	As Necessary	Semiannually

Emissions Unit Specific Conditions/Limitations

- B.1. Particulate emissions from the hog fuel boiler shall not exceed 0.15 gr/dscf corrected to 12% carbon dioxide (ARM 17.8.752).
- B.2. The wet scrubber shall be operated in good working order whenever the hog fuel boiler is fired (ARM 17.8.752).

Compliance Demonstration

- B.3. Stimson shall test the hog fuel boiler for opacity, and monitor compliance with the limitation contained in Section III.A.2, every 6 months. The test shall be performed in accordance with the Montana Source Test Protocol and Procedures Manual, except that prior notification of the test is not required. Each observation period shall be a minimum of six minutes unless any one reading is greater than 20%, then the observation period shall be a minimum of 20 minutes or until a violation of the standard has been documented; whichever is a shorter period of time.
- B.4. Stimson shall test the hog fuel boiler for particulate matter and monitor compliance with the limitation contained in Sections III.A.6 and B.1. The test was last performed in May 1997 and shall continue on an every-four-year basis. The source tests shall conform to the requirements of the Montana Source Test Protocol and Procedures Manual (ARM 17.8.105 and ARM 17.8.106).
- B.5. Stimson shall monitor the differential pressure (D/P) across the wet scrubber at least once per hour while boiler #1 is operating. If the scrubber D/P drops below 3.5 inches of water, Stimson shall initiate corrective action to restore the pressure drop across the scrubber.
- B.6. Stimson shall only combust wood waste in the boiler, except for boiler start-up procedures; in which case, a flame accelerant or oil may be used (ARM 17.8.749).

Recordkeeping

- B.7. Stimson shall maintain a log of the operating status of both the boiler and scrubber. The log shall include the following:
 - a. The operating status of the boiler and the differential pressure across the scrubber on an hourly basis.
 - b. Maintenance activities performed on either piece of equipment, the log shall include the date, time and description of the work.
 - c. Any material, other than wood waste, combusted in the boiler. The log shall include the date, time, type and quantity of material combusted.
- B.8. Method 9 test reports shall be maintained on site and submitted to the Department upon request.

Reporting

- B.9. The Method 5 test report shall be submitted in accordance with the Montana Source Test Protocol and Procedures Manual.
- B.10. The annual compliance certification reports required in Section III.A.14 shall contain a certification stating whether Stimson is in compliance with the above-applicable requirements.

The semiannual compliance monitoring reports required in Section III.A.14 shall contain the following for the Hog Fuel Boiler:

- a. Results of the Method 9 test; the actual test report need only be submitted to the Department upon request as specified by Section III.B.8
- b. Results of any Method 5 tests conducted in the period; the actual test report should be submitted as specified by Section III.B.9
- c. Any instances when the D/P across the wet scrubber fell below 3.5 inches of water and the corrective action taken.

C. Boiler #3 (B03)

Permit Conditions	Pollutant/ Parameter	Permit Limit	Compliance Demonstration Method	Frequency	Reporting
A.2, C.1, C.7, C.10	Opacity	20%	Natural gas combustion	Ongoing	Semiannually
C.1, C.7, B.10	Particulate	0.36 lb/MMBtu			
C.2, C.5, C.9, C.10	Nitrogen Oxides	0.07 lb/MMBtu	Reference Method 7	As Required	Only Annual Certification
C.3, C.6, C.9, C.10	Carbon Monoxide	0.25 lb/MMBtu	Reference Method 10	As Required	Only Annual Certification
C.2, C.10	Flue Gas Recirculation	Operating	Recordkeeping	As Required	Only annual Certification
A.9, C.1, C.4, C.7, C.10	Sulfur in Fuel	50 grains per 100 cubic feet	Natural gas combustion	Ongoing	Only Annual Certification
C.8, C.10	40 CFR Part 60, Subpart Dc	None	None	None	As Required

Emissions Unit Specific Conditions/Limitations

- C.1. Stimson shall only combust natural gas in the Nebraska boiler (ARM 17.8.752).
- C.2. NO_x emissions from the Nebraska boiler shall not exceed 0.07 lb/MMBtu heat input. The boiler shall be equipped with flue gas recirculation for the control of NO_x (ARM 17.8.752).
- C.3. CO emissions from the Nebraska boiler shall not exceed 0.25 lb/MMBtu heat input (ARM 17.8.752).

Compliance Demonstration

- C.4. The compliance demonstration required by this permit for the opacity (A.2), particulate from fuel combustion (A.6), and sulfur compounds in fuel requirements (A.9) shall consist of burning only natural gas. This does not preclude the Department from initiating an enforcement action if a Reference Method test indicates that one of these limits is being violated, even if only natural gas is being combusted (ARM 17.8.1213).
- C.5. When required by the Department, Stimson shall perform a stack test in accordance with Reference Method 7 to monitor compliance with the limitation contained in Section

III.C.2. The source test must be performed as specified in the Montana Source Test Protocol and Procedures Manual (ARM 17.8.106).

- C.6. When required by the Department, Stimson shall perform a stack test in accordance with Reference Method 10 to monitor compliance with the limitation contained in Section III.C.3. The source test must be performed as specified in the Montana Source Test Protocol and Procedures Manual (ARM 17.8.106).

Recordkeeping

- C.7. Stimson shall enter in a daily log the operating status of the boiler and type of fuel fired.
- C.8. Stimson shall comply with all the recordkeeping requirements contained in 40 CFR Part 60, Subpart Dc for the Nebraska Boiler. This includes the type and amount of fuel fired each day (ARM 17.8.430 and 40 CFR Part 60, Subpart Dc).

Reporting

- C.9. Compliance test reports shall be submitted in accordance with the Montana Source Test Protocol and Procedures Manual.
- C.10. The annual compliance certification reports required in Section III.A.14 shall contain a certification stating whether Stimson is in compliance with the above applicable requirements.

The semiannual compliance monitoring reports required in Section III.A.14 shall contain the results of any compliance source tests conducted in the period on the Nebraska boiler; the actual test report should be submitted as specified by Section III.B.9.

D. Veneer Dryers (P12)

Permit Conditions	Pollutant/Parameter	Permit Limit	Compliance Demonstration Method Frequency		Reporting Requirement
D.1, D.2, D.3, D.4	Veneer Dryer Exhaust Gas	Incineration System Operational	Recordkeeping	Ongoing	Semiannually

Emissions Unit Specific Conditions/Limitations

- D.1. Exhaust gas from the veneer dryers shall be routed to a boiler for incineration. The veneer dryers shall be shut down whenever a boiler is not available for the incineration of veneer dryer gas (ARM 17.8.752).

Compliance Demonstration

- D.2. Stimson shall maintain a negative pressure in the veneer gas incineration ductwork whenever the veneer dryers are in operation (ARM 17.8.749).

Recordkeeping

- D.3. Stimson shall monitor and record the pressure in the veneer dryer exhaust gas incineration system at least once per hour when the veneer dryers are in operation.

Reporting

- D.4. The annual compliance certification reports required in Section III.A.14 shall contain a certification stating whether Stimson is in compliance with the above applicable requirements.

The semiannual compliance monitoring reports required in Section III.A.14 shall identify any periods when the veneer dryers were in operation and the veneer dryer gas incineration system was not functioning properly.

E. Plywood Layup Baghouse (P06)

Permit Conditions	Pollutant/Parameter	Permit Limit	Compliance Demonstration Method	Frequency	Reporting Requirement
A.2, E.3, E.5, E.6, E.8	Opacity	20%	Visual Surveys Method 9	Weekly As Required	Semiannually
E.1, E.2, E.4, E.7, E.8	Particulate Matter	0.005 gr/dscf	Method 5	Within 360 days, then every 4 years	Semiannually

Emissions Unit Specific Conditions/Limitations

- E.1. Particulate emissions from the Plywood Layup Baghouse shall be limited to 0.005 gr/dscf (ARM 17.8.752).
- E.2. Particulate emissions from the veneer scarfing saw shall be routed to the Plywood Layup Baghouse (ARM 17.8.752).

Compliance Demonstration

- E.3. At least weekly, Stimson shall check the exhaust from the Plywood Layup Baghouse for visible emissions. The person conducting the check does not have to be EPA Method 9 certified. However, the individual should be familiar with the procedures of EPA Method 9, including the proper location to observe visible emissions. If any visible emissions are detected during the check, Stimson shall perform a Method 9 opacity test on the source within 48 hours. The person conducting the visual check shall record the results of the survey in a log.

If a Method 9 is performed, the test shall be performed in accordance with the Montana Source Test Protocol and Procedures Manual, except that prior notification of the test is not required. Each observation period shall be a minimum of six minutes, unless any one reading is greater than 20%; then, the observation period shall be a minimum of 20 minutes or until a violation of the standard has been documented, whichever is a shorter period of time.

- E.4. Stimson shall test the Plywood Layup Baghouse for particulate matter and monitor compliance with the limitation contained in Section III.E.1 within 360 days of issuance of this permit. The testing shall continue on an every-four-year basis and shall conform to the requirements of the Montana Source Test Protocol and Procedures Manual (ARM 17.8.105 and ARM 17.8.106).

Recordkeeping

- E.5. Stimson shall maintain a log for recording the results of the visual checks. The log shall include: date, time, observer, observation point, observation location, ambient conditions, including, but not limited to, approximate temperature, wind speed, wind direction, and cloud cover; and results of the visual check. If any corrective action is required, the time, date, and any preventive or corrective action taken should be recorded in the log.
- E.6. Method 9 test reports shall be maintained on site and submitted to the Department upon request.

Reporting

- E.7. The Method 5 test report shall be submitted to the Department in accordance with the Montana Source Test Protocol and Procedures Manual.
- E.8. The annual compliance certification reports required in Section III.A.14 shall contain a certification stating whether Stimson is in compliance with the above applicable requirements.

The semiannual compliance monitoring reports required in Section III.A.14 shall contain the following for the Plywood Layup Baghouse:

- a. Any visible emissions noted during the weekly visual surveys.
- b. The results of any Method 9 test (the actual test report need only be submitted to the Department upon request as specified by Section III.E.6).
- c. The results of any particulate test performed; the actual test report must be submitted to the Department as specified in Section III.E.7.

F. Hog Fuel and Chips Handling - Plywood Mill (P03) and Sawmill (S03)

Permit Conditions	Pollutant/ Parameter	Permit Limit	Compliance Demonstration Method Frequency		Reporting Requirement
A.3, F.1, F.3, F.4	Opacity	20%	Visual Surveys	Weekly	Semiannually
A.3, F.1, F.3, F.4	Opacity	Reasonable Precaution	Visual Surveys	Weekly	Semiannually
A.7, F.2, F.4	Particulate Matter	$E = 55 * P^{0.11} - 40$	None	None	Only Annual Certification

Emissions Unit Specific Conditions/Limitations

None

Compliance Demonstration

- F.1. At least weekly, Stimson shall visually survey the outside material handling conveyors and screens, the material loadout points, the outside debarking and chipping areas, and the hog fuel pile for any sources of excessive fugitive emissions. For the purpose of this survey, excessive fugitive emissions are considered to be any visible emissions that leave the plant site boundaries. The person conducting the survey does not have to be EPA Reference Method 9 certified. However, the individual should be familiar with the

procedures of EPA Method 9, including the proper location to observe visible emissions. If sources of excessive fugitive emissions are identified, Stimson shall contain or minimize the source of emissions (e.g., sweep up the material, cover the material, or use water or some chemical treatment to minimize the fugitive emissions), unless cold weather would make this activity result in hazardous conditions. If water is used to control the fugitive dust emissions, Stimson shall take precautions to not create a water quality problem from surface water runoff. The person conducting the survey shall record the results of the survey in the log. Conducting a visual survey does not relieve Stimson of a liability for a violation determined using Reference Method 9.

- F.2. Stimson is not required to perform any monitoring to monitor compliance with the limitation in Section III.A.7.

Recordkeeping

- F.3. Stimson shall maintain a log for recording the results of the visual surveys. The log shall include: date, time, observer, observation point, observation location, ambient conditions, including, but not limited to, approximate temperature, wind speed, wind direction, and cloud cover; and results of the visual surveys. If any corrective action is required, the time, date, and any preventive or corrective action taken should be recorded in the log.

Reporting

- F.4. The annual compliance certification reports required in Section III.A.14 shall contain a certification stating whether Stimson is in compliance with the above applicable requirements.

The semiannual compliance monitoring reports in Section III.A.14 shall identify any instances of excessive fugitive emissions and the corrective action taken.

G. Hog Press Sawline Baghouse (P07), Sander Baghouse (P08)

Permit Conditions	Pollutant/Parameter	Permit Limit	Compliance Demonstration Method	Frequency	Reporting Requirement
A.2, G.1, G.3, G.4, G.5	Opacity	20%	Visual Survey	Weekly	Semiannually
			Method 9	As Required	Semiannually
A.7, G.2, G.5	Particulate Matter	$E = 55 * P^{0.11} - 40$	Method 5	Within 360 days, then every 4 years	Only Annual Certification

Emissions Unit Specific Conditions/Limitations

None

Compliance Demonstration

- G.1. At least weekly, Stimson shall check the exhaust from the above baghouses for visible emissions. The person conducting the check does not have to be EPA Method 9 certified. However, the individual should be familiar with the procedures of EPA Method 9, including the proper location to observe visible emissions. If any visible emissions are detected during the check, Stimson shall perform a Method 9 opacity test on the source within 48 hours. The person conducting the visual check shall record the results of the survey in the log. If a Method 9 is performed, the test shall be performed in accordance with the Montana Source Test Protocol and Procedures Manual. Each observation period shall be a

minimum of six minutes unless any one reading is greater than 20%, then the observation period shall be a minimum of 20 minutes or until a violation of the standard has been documented; whichever is a shorter period of time.

- G.2. Stimson shall test the Hog Press Sawline and Sander Baghouses for particulate matter and monitor compliance with the limitation contained in Section III.A.7 within 360 days of issuance of this permit. The testing shall continue on an every-four-year basis and shall conform to the requirements of the Montana Source Test Protocol and Procedures Manual (ARM 17.8.105 and ARM 17.8.106).

Recordkeeping

- G.3. Method 9 test reports shall be maintained on site and submitted to the Department upon request.
- G.4. Stimson shall maintain a log for recording the results of the visual checks. The log shall include: date, time, observer, observation point, observation location, ambient conditions, (including, but not limited to) approximate temperature, wind speed, wind direction, and cloud cover; and results of the visual check. If any corrective action is required, the time, date, and any preventive or corrective action taken should be recorded in the log.

Reporting

- G.5. The annual compliance certification reports required in Section III.A.14 shall contain a certification stating whether Stimson is in compliance with the above applicable requirements.

The semiannual compliance monitoring reports required in Section III.A.14 shall contain, at a minimum;

- a. Any visible emissions noted during the weekly checks.
- b. The results of the Method 9 test conducted during the period. The actual test report need only be submitted to the Department upon request as specified by Section III.G.3.
- c. The results of any particulate test performed in the period. The actual test report shall be submitted in accordance with the Montana Source Test Protocol and Procedures Manual.

H. Miscellaneous Baghouses

Planer Baghouse #3 (S07), Plywood Saw Baghouse (P09), #1 A-frame Baghouse (F10), #2 A-frame Baghouse (F-11), Boiler Sander Dust Baghouse (F12)

Permit Conditions	Pollutant/Parameter	Permit Limit	Compliance Demonstration Method Frequency		Reporting Requirement
A.2, H.1, H.3, H.4, H.5	Opacity	20%	Visual Surveys	Monthly	Semiannually
			Method 9	As Required by Department	Semiannually
A.7, H.2, H.5	Particulate Matter	$E = 55 * P^{0.11} - 40$	Method 5	As Required by Department	Only Annual Certification

Emissions Unit Specific Conditions/Limitations

None

Compliance Demonstration

- H.1. At least monthly, Stimson shall check the exhaust from the above baghouses for visible emissions. The person conducting the check does not have to be EPA Method 9 certified. However, the individual should be familiar with the procedures of EPA Method 9, including the proper location to observe visible emissions. If any visible emissions are detected during the check, Stimson shall perform a Method 9 opacity test on the source within 48 hours. The person conducting the visual check shall record the results of the survey in the log.

If a Method 9 is performed, the test shall be performed in accordance with the Montana Source Test Protocol and Procedures Manual, except that prior notification of the test is not required. Each observation period shall be a minimum of six minutes unless any one reading is greater than 20%, then the observation period shall be a minimum of 20 minutes or until a violation of the standard has been documented; whichever is a shorter period of time.

- H.2. When required by the Department, Stimson shall perform a stack test for particulate matter in accordance with Reference Method 5 to monitor compliance with the limitation contained in Section III.A.7. The source test must be performed as specified in the Montana Source Test Protocol and Procedures Manual. (ARM 17.8.106)

Recordkeeping

- H.3. Stimson shall maintain a log for recording the results of the visual checks. The log shall include: date, time, observer, observation point, observation location, ambient conditions (including, but not limited to) approximate temperature, wind speed, wind direction, and cloud cover; and results of the visual check. If any corrective action is required, the time, date, and any preventive or corrective action taken should be recorded in the log.
- H.4. Method 9 test reports shall be maintained on site and submitted to the Department upon request.

Reporting

- H.5. The annual compliance certification reports required in Section III.A.14 shall contain a certification stating whether Stimson is in compliance with the above applicable requirements.

The semiannual compliance monitoring reports required in Section III.A.14 shall contain, at a minimum;

- a. Any visible emissions noted during the monthly checks.
- b. The results of any Method 9 test conducted during the period. The actual test report need only be submitted to the Department upon request as specified by Section III.H.4.
- c. The results of any particulate test performed in the period. The actual test report shall be submitted in accordance with the Montana Source Test Protocol and Procedures Manual.

I. Material Handling Cyclones

Planer Shavings Cyclone (C01), Plywood Fines Cyclone (C02), Fines Pipe Cyclone (C03), Shavings Bin Cyclone (C04), Fines Pipe Cyclone (C05), Beauty Bark Bin Cyclone (C06), Auxiliary Fuel System Cyclone (C07), Plywood Fines Bin Cyclone (C08), Fishtail Saw Cyclone (C09), Processor Chips Cyclone (C10), Sawmill Chips Cyclone (C11), and Rail Chip Cyclone (C13)

Permit Conditions	Pollutant/Parameter	Permit Limit	Compliance Method	Demonstration Frequency	Reporting Requirement
A.2, I.1, I.3, I.4	Opacity	20%	Method 9	Semiannually	Semiannually
A.7, I.2, I.4	Particulate Matter	$E = 55 * P^{0.11} - 40$	Method 9	Semiannually	Semiannually
			Method 5	As Required by Department	

Emissions Unit Specific Conditions/Limitations

None

Compliance Demonstration

- I.1. At least semiannually, Stimson shall test the above cyclones for opacity, and monitor compliance with the limitation contained in Section III.A.2. For those cyclones that are not operated during the semiannual period, a test is not required. The test shall be performed in accordance with the Montana Source Test Protocol and Procedures Manual, except that prior notification of the test is not required. Each observation period shall be a minimum of six minutes unless any one reading is greater than 20%, then the observation period shall be a minimum of 20 minutes or until a violation of the standard has been documented; whichever is a shorter period of time.
- I.2. Performance of the semiannual Method 9 opacity observation monitoring compliance with the opacity limitation shall also be acceptable for the demonstration of continued compliance with the particulate limitation in Section III.A.7. However, a violation of the opacity standard shall not necessarily constitute a violation of the particulate limit. When required by the Department, Stimson shall test the above sources for particulate matter in accordance with Reference Method 5 to monitor compliance with the limitation contained in Section III.A.7.

The source test must be performed as specified in the Montana Source Test Protocol and Procedures Manual. (ARM 17.8.106)

Recordkeeping

- I.3. Method 9 test reports shall be maintained on site and submitted to the Department upon request.

Reporting

- I.4. The annual compliance certification reports required in Section III.A.14 shall contain a certification stating whether Stimson is in compliance with the above applicable requirements.

The semiannual compliance monitoring reports required in Section III.A.14 shall contain, at a minimum:

- a. The results of any Method 9 test conducted during the period. The actual test report need only be submitted to the Department upon request as specified by Section III.I.3. For any cyclone that was not tested during the semiannual period, Stimson shall state why the cyclone was not tested.
- b. The results of any particulate test performed during the period. The actual test reports shall be submitted to the Department in as required by the Montana Source Test Protocol and Procedures Manual.

J. Fugitive Emissions: Vehicle Traffic (F13)

Permit Conditions	Pollutant/Parameter	Permit Limit	Compliance Demonstration Method Frequency		Reporting Requirement
A.3, J.2, J.3, J.4	Opacity	20%	Visual Surveys	Weekly	Semiannually
A.3, A.4, J.1, J.2, J.3, J.4	Opacity	Reasonable Precaution	Visual Surveys	Weekly	Semiannually
			Dust Suppressants	As needed	Semiannually

Emissions Unit Specific Conditions/Limitations

- J.1. Stimson shall treat all portions of the haul roads, access roads, parking lots, and general plant area with water and/or chemical dust suppressants as necessary to maintain compliance with ARM 17.8.308.

Compliance Demonstration

- J.2. At least weekly, Stimson shall visually survey vehicular traffic on paved and unpaved roads for any sources of excessive fugitive emissions. For the purpose of this survey, excessive fugitive emissions are considered to be any visible emissions that leave the plant boundaries. The person conducting the survey does not have to be EPA Method 9 certified. However, the individual should be familiar with the procedures of EPA Method 9, including the proper location to observe visible emissions. If sources of excessive fugitive emissions are identified, Stimson shall minimize the emissions by using water or chemical dust suppressant, unless cold weather would make this activity result in hazardous conditions. The person conducting the survey shall record the results of the survey in the log.

Recordkeeping

- J.3. Stimson shall maintain a daily log for recording the results of the visual surveys. The log shall include: date; time; observer; observation point; observation location; ambient conditions, including but not limited to, approximate temperature, wind speed, wind direction, and cloud cover; and results of the visual surveys. If any corrective action is required, the time, date, and any preventive or corrective action taken should be recorded in the log. In cases where water and chemical dust suppressants are used to control the

fugitive dust emissions, the log should include what was applied, a description of the area of application, and the amount of application (gallons).

Reporting

J.4. The annual compliance certification reports required in Section III.A.14 shall contain a certification stating whether Stimson is in compliance with the above applicable requirements.

The semiannual compliance monitoring reports in Section III.A.14 shall identify any instances of excessive fugitive emissions and the corrective action taken.

K. Vehicle Fueling Tanks (H01)

Gasoline - 1000 gal Capacity

Diesel - 12,000 gal, 10,000 gal, 8000 gal (2), 500 gal

Permit Conditions	Pollutant/ Parameter	Permit Limit	Compliance Demonstration		Reporting Requirement
			Method	Frequency	
A.2, K.1	Opacity	20%	None	None	Only Annual Certification
A.10, K.1	Hydrocarbon Emissions, Petroleum Products	Use Proper Equipment	None	None	Only Annual Certification

Emissions Unit Specific Conditions/Limitations

None

Compliance Demonstration

None

Recordkeeping

None

Reporting

K.1. The semiannual compliance monitoring reports in Section III.A.14 are not required for these sources.

L. Miscellaneous Minor Sources

Plywood Log Debarker (P01), Sawmill Bucking Saws (S02), Plywood Bucking Saws (P02), Dry Kilns (S06), Lathe Rejects Screening (P04), Plywood Building (P05), Plywood Press Vent (P10), Beauty Bark Processing (F01), A-Frame Shavings and Bark Bin Loadout (F05), Plywood Chip Bin Loadout (F06), and Rail Chip Surge Bin Loadout (F14)

Permit Conditions	Pollutant/Parameter	Permit Limit	Compliance Demonstration Method	Frequency	Reporting Requirement
A.2, L.1, L.2, L.3	Opacity	20%	Visual Surveys Method 9	Monthly As Required by Department	Semiannually
A.7, L.3	Particulate Matter	$E = 55 * P^{0.11} - 40$	Normal Operations	Continuously	Only Annual Certification

Emissions Unit Specific Conditions/Limitations

None

Compliance Demonstration

- L.1. At least monthly, Stimson shall visually survey above sources for excessive fugitive emissions. For the purpose of this survey, excessive fugitive emissions are considered to be any visible emissions that leave the plant site boundaries. The person conducting the survey does not have to be EPA Reference Method 9 certified. However, the individual should be familiar with the procedures of EPA Method 9, including the proper location to observe visible emissions. The person conducting the survey shall record the results of the survey in the log. If excessive fugitive emissions are identified, Stimson shall conduct a Method 9 opacity observation within 48 hours to verify that the opacity limit is not being exceeded. Conducting a visual survey does not relieve Stimson of a liability for a violation determined using Reference Method 9.

If a Method 9 is performed, the test shall be performed in accordance with the Montana Source Test Protocol and Procedures Manual, except that prior notification of the test is not required. Each observation period shall be a minimum of 6 minutes unless any one reading is greater than 20%, then the observation period shall be a minimum of 20 minutes or until a violation of the standard has been documented; whichever is a shorter period of time.

Recordkeeping

- L.2. Method 9 test reports shall be maintained on site and submitted to the Department upon request.

Reporting

- L.3. The annual compliance certification reports required in Section III.A.14 shall contain a certification stating whether Stimson is in compliance with the above applicable requirements.

The semiannual compliance monitoring reports required in Section III.A.14 shall contain, at a minimum:

- a. Any excessive visible emissions noted during the monthly checks.

- b. The results of any Method 9 test conducted during the period. The actual test report need only be submitted to the Department upon request as specified by Section III.L.2.

M. Fugitive Emissions: Plant-Wide Fuel Combustion

F13 Fugitive Emissions: Plant-Wide Fuel Combustion

Condition(s)	Pollutant/ Parameter	Permit Limit	Compliance Demonstration Method	Frequency	Reporting Requirement
A.8, M.1, M.2	Sulfur Oxide Emissions, Sulfur in Fuel	1 lb/MMBtu fired	Burning Fuel Obtained from Licensed Distributors	Ongoing	Only Annual Certification

Emissions Unit Specific Conditions/Limitations

None

Compliance Demonstration

- M.1. Stimson must burn only gasoline and diesel obtained from licensed petroleum distributors, which meet the sulfur in fuel requirements.

Recordkeeping

None

Reporting

- M.2. The annual compliance certification reports required in Section III.A.14 shall contain a certification stating whether Stimson is in compliance with the above applicable requirements.

The semiannual compliance monitoring reports required in Section III.A.14 are not required for these sources.

N. Plywood Prime Line (P13)

P13 Plywood Prime Line (Duratemp® Prime Line)

Condition(s)	Pollutant/ Parameter	Permit Limit	Compliance Demonstration Method	Frequency	Reporting Requirement
A.2, N.3, N.5	Opacity	20%	Normal Operations	Ongoing	Only Annual Certification
N.1, N.2, N.4 N.5	VOCs	35 tons/rolling 12 months	Recordkeeping	Ongoing	Semiannually
			Using Water Based Coatings	Ongoing	Only Annual Certification

Emissions Unit Specific Conditions/Limitations

- N.1 The application rate (gallons) and the VOC content of any primers or solvents applied at the Duratemp® Prime Line shall be limited to an emission level that does not exceed 35 tons of VOCs during any rolling twelve (12) month time period. The Department shall approve any calculations used to establish production and application rates (ARM 17.8.749).
- N.2 Stimson shall use only water-based pigment coatings for all coating processes associated with the Duratemp® Prime Line (ARM 17.8.752).

Compliance Demonstration

- N.3 Stimson is not required to perform any monitoring or recordkeeping to monitor compliance with ARM 17.8.304(2).

Recordkeeping

- N.4 Stimson shall record in a logbook, the date, the primer type, the primer application rate, the VOC content of each primer applied at the Duratemp® Prime Line during the month, the operator's initials, and calculate the monthly emissions. By the 25th of each month, Stimson shall calculate the twelve month VOC emissions by multiplying the application rate of the primer by the manufacturer's VOC content of each primer used at the Duratemp® Prime Line during the previous twelve months to verify compliance with the limitation in Section II.N.1.

Reporting

- N.5 The annual compliance certification reports required in Section III.A.14 shall contain a certification stating whether Stimson is in compliance with the above applicable requirements.

The semiannual compliance monitoring reports required in Section III.A.14 shall contain, at a minimum,

- a. Verification that only water based coating were used during the reporting period.
- b. Provide the twelve month VOC emissions for each month during the reporting period.

Section IV - Non-applicable Requirements

Air Quality Administrative Rules of Montana (ARM) and Federal Regulations identified as not applicable to the facility or to a specific emissions unit at the time of the permit issuance are listed below (ARM 17.8.1214). The following list does not preclude Stimson from complying with any new requirement that may become applicable during the permit term.

A. Facility Wide

Rule Citation		Reason
State	Federal	
ARM 17.8.321, ARM 17.8.323, ARM 17.8.331, ARM 17.8.332, ARM 17.8.333, ARM 17.8.334, and ARM 17.8.610.		These rules are not applicable because the facility is not listed in the source category cited in the rules.
ARM 17.8.316, ARM 17.8.320 ARM 17.8.324(2), ARM 17.8.324(4)-(6)		These rules are not applicable because the facility does not have the specific emissions unit cited in the rules.
	40 CFR 60 Subparts C, Ca, Cb 40 CFR 60 Subparts D, Da, Db 40 CFR 60 Subparts E-J 40 CFR 60 Subparts K, Ka, Kb 40 CFR 60 Subparts L-Z 40 CFR 60 Subparts AA-EE 40 CFR 60 Subparts GG-HH 40 CFR 60 Subparts KK-NN 40 CFR 60 Subparts PP-XX 40 CFR 60 Subparts AAA-BBB 40 CFR 60 Subparts DDD 40 CFR 60 Subparts FFF-LLL 40 CFR 60 Subparts NNN-VVV 40 CFR 61 Subparts B-F 40 CFR 61 Subparts H-L 40 CFR 61 Subparts N-R 40 CFR 61 Subparts V-W 40 CFR 61 Subpart Y 40 CFR 61 Subpart BB 40 CFR 61 Subpart FF	These requirements are not applicable because the facility is not an affected source as defined in these regulations.
	40 CFR 63 Subpart B 40 CFR 63 Subparts F-I 40 CFR 63 Subparts L-M 40 CFR 63 Subpart Q 40 CFR 82 Subparts A-E 40 CFR 82 Subparts G-H	These requirements are not applicable because the facility is not an affected source as defined in these regulations.
	40 CFR 72 through 40 CFR 78.	These requirements are not applicable because the facility is not an affected source as defined by the acid rain regulations.
	40 CFR 68	This rule is not applicable because the facility does not meet the threshold quantity for any regulated substance.

B. Emission Units

1. Wood Fired Boiler #1 (B01)

40 CFR Part 60, Subparts D and Da are not applicable to this unit because it was built prior to 1971 and has a heat input capacity of less than 250 MMBtu/hr.

40 CFR Part 60, Subpart Db is not applicable to this unit because it was built prior to 1974.

Stimson has not requested a shield from any other requirements for individual emission units; therefore, no other shields are provided.

Section V – General Permit Conditions

A. Compliance Requirements

ARM 17.8, Subchapter 12, Operating Permit Program §1210(2)(a)-(c)&(e), §1206(6)(c)&(b)

1. The permittee must comply with all conditions of the permit. Any noncompliance with the terms or conditions of the permit constitutes a violation of the Montana Clean Air Act, and may result in enforcement action, permit modification, revocation and reissuance, or termination, or denial of a permit renewal application under ARM Title 17, Chapter 8, Subchapter 12.
2. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.
3. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit. If appropriate, this factor may be considered as a mitigating factor in assessing a penalty for noncompliance with an applicable requirement if the source demonstrates that both the health, safety or environmental impacts of halting or reducing operations would be more serious than the impacts of continuing operations, and that such health, safety or environmental impacts were unforeseeable and could not have otherwise been avoided.
4. The permittee shall furnish to the Department, within a reasonable time set by the Department (not to be less than 15 days), any information that the Department may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit, or to determine compliance with the permit. Upon request, the permittee shall also furnish to the Department copies of those records that are required to be kept pursuant to the terms of the permit. This subsection does not impair or otherwise limit the right of the permittee to assert the confidentiality of the information requested by the Department, as provided in 75-2-105, MCA.
5. Any schedule of compliance for applicable requirements with which the source is not in compliance with at the time of permit issuance shall be supplemental to, and shall not sanction noncompliance with, the applicable requirements on which it was based.
6. For applicable requirements that will become effective during the permit term, the source shall meet such requirements on a timely basis unless a more detailed plan or schedule is required by the applicable requirement or the Department.

B. Certification Requirements

ARM 17.8, Subchapter 12, Operating Permit Program §1207 and §1213(7)(a)&(c)-(d)

1. Any application form, report, or compliance certification submitted pursuant to ARM Title 17, Chapter 8, Subchapter 12, shall contain certification by a responsible official of truth, accuracy and completeness. This certification and any other certification required under ARM Title 17, Chapter 8, Subchapter 12, shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate and complete.
2. Compliance certifications shall be submitted by January 31 of each year, or more frequently if otherwise specified in an applicable requirement or elsewhere in the permit. Each certification must include the required information for the previous calendar year (i.e., January 1 – December 31).

3. Compliance certifications shall include the following:
 - a. The identification of each term or condition of the permit that is the basis of the certification;
 - b. The identification of the method(s) or other means used by the owner or operator for determining the status of compliance with each term or condition during the certification period, consistent with ARM 17.8.1212;
 - c. The status of compliance with the terms and conditions of the permit for the period covered by the certification, *including whether compliance during the period was continuous or intermittent* (based on the method or means identified in ARM 17.8.1213(7)(c)(ii), as described above); and
 - d. Such other facts as the Department may require to determine the compliance status of the source.
4. All compliance certifications must be submitted to the Environmental Protection Agency, as well as to the Department, at the addresses listed in the Notification Addresses Appendix of this permit.

C. Permit Shield

ARM 17.8, Subchapter 12, Operating Permit Program §1214(1)-(4)

1. The applicable requirements and non-federally enforceable requirements are included and specifically identified in this permit and the permit includes a precise summary of the requirements not applicable to the source. Compliance with the conditions of the permit shall be deemed compliance with any applicable requirements and any non-federally enforceable requirements as of the date of permit issuance.
2. The permit shield described in 1 above shall remain in effect during the appeal of any permit action (renewal, revision, reopening, or revocation and reissuance) to the Board of Environmental Review (Board), until such time as the Board renders its final decision.
3. Nothing in this permit alters or affects the following:
 - a. The provisions of Sec. 7603 of the FCAA, including the authority of the administrator under that section.
 - b. The liability of an owner or operator of a source for any violation of applicable requirements prior to or at the time of permit issuance.
 - c. The applicable requirements of the Acid Rain Program, consistent with Sec. 7651g(a) of the FCAA.
 - d. The ability of the administrator to obtain information from a source pursuant to Sec. 7414 of the FCAA.
 - e. The ability of the Department to obtain information from a source pursuant to the Montana Clean Air Act, Title 75, Chapter 2, MCA.
 - f. The emergency powers of the Department under the Montana Clean Air Act, Title 75,

Chapter 2, MCA.

- g. The ability of the Department to establish or revise requirements for the use of Reasonably Available Control Technology (RACT) as defined in ARM Title 17, Chapter 8. However, if the inclusion of a RACT into the permit pursuant to ARM Title 17, Chapter 8, Subchapter 12, is appealed to the Board, the permit shield, as it applies to the source's existing permit, shall remain in effect until such time as the Board has rendered its final decision.
- 4. Nothing in this permit alters or affects the ability of the Department to take enforcement action for a violation of an applicable requirement or permit term monitored pursuant to ARM 17.8.106, Source Testing Protocol.
- 5. Pursuant to ARM 17.8.132, for the purpose of submitting a compliance certification, nothing in these rules shall preclude the use, including the exclusive use, of any credible evidence or information relevant to whether a source would have been in compliance. However, when compliance or noncompliance is demonstrated by a test or procedure provided by permit or other applicable requirements, the source shall then be presumed to be in compliance or noncompliance unless that presumption is overcome by other relevant credible evidence.
- 6. The permit shield will not extend to minor permit modifications or changes not requiring a permit revision (see Sections I & J).
- 7. The permit shield will extend to significant permit modifications and transfer or assignment of ownership (see Sections K & N).

D. Monitoring, Recordkeeping, and Reporting Requirements

ARM 17.8, Subchapter 12, operating Permit Program §1212(2)&(3)

- 1. Unless otherwise provided in this permit, the permittee shall maintain compliance monitoring records that include the following information:
 - a. The date, place as defined in the permit, and time of sampling or measurement;
 - b. The date(s) analyses were performed;
 - c. The company or entity that performed the analyses;
 - d. The analytical techniques or methods used;
 - e. The results of such analyses; and
 - f. The operating conditions at the time of sampling or measurement.
- 2. The permittee shall retain records of all required monitoring data and support information for a period of at least 5 years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit. All monitoring data, support information, and required reports and summaries may be maintained in computerized form at the plant site if the information is made available to Department personnel upon request, which may be for either hard copies or computerized format. Strip-charts must be maintained in their original form at the plant site and shall be made available to Department personnel upon request.

3. The permittee shall submit to the Department, at the addresses located in the Notification Addresses Appendix of this permit, reports of any required monitoring by January 31 and July 31 of each year, or more frequently if otherwise specified in an applicable requirement or elsewhere in the permit. The monitoring report submitted on January 31 of each year must include the required monitoring information for the period of July 1 through December 31 of the previous year. The monitoring report submitted on July 31 of each year must include the required monitoring information for the period of January 1 through June 30 of the current year. All instances of deviations from the permit requirements must be clearly identified in such reports. All required reports must be certified by a responsible official, consistent with ARM 17.8.1207.

E. Prompt Deviation Reporting

ARM 17.8, Subchapter 12, Operating Permit Program §1212(3)(c)

The permittee shall promptly report deviations from permit requirements, including those attributable to upset conditions as defined in the permit, the probable cause of such deviations, and any corrective actions or preventive measures taken. To be considered prompt, deviations shall be reported as part of the routine reporting requirements under ARM 17.8.1212(3)(b) and, if applicable, in accordance with the malfunction reporting requirements under ARM 17.8.110, unless otherwise specified in an applicable requirement.

F. Emergency Provisions

ARM 17.8, Subchapter 12, Operating Permit Program §1201(13) and §1214(5), (6)&(8)

1. An “emergency” means any situation arising from sudden and reasonably unforeseeable events beyond the control of the source, including acts of God, which situation requires immediate corrective action to restore normal operation and causes the source to exceed a technology-based emission limitation under this permit due to the unavoidable increases in emissions attributable to the emergency. An emergency shall not include noncompliance to the extent caused by improperly designed equipment, lack of reasonable preventive maintenance, careless or improper operation, or operator error.
2. An emergency constitutes an affirmative defense to an action brought for noncompliance with a technology-based emission limitation if the permittee demonstrates through properly signed, contemporaneous logs, or other relevant evidence, that:
 - a. An emergency occurred and the permittee can identify the cause(s) of the emergency;
 - b. The permitted facility was at the time being properly operated;
 - c. During the period of the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or other requirements in the permit; and
 - d. The permittee submitted notice of the emergency to the Department within 2 working days of the time when emission limitations were exceeded due to the emergency. This notice fulfills the requirements of ARM 17.8.1212(3)(c). This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.
3. These emergency provisions are in addition to any emergency, malfunction or upset provision contained in any applicable requirement.

G. Inspection and Entry

ARM 17.8, Subchapter 12, Operating Permit Program §1213(3)&(4)

1. Upon presentation of credentials and other requirements as may be required by law, the permittee shall allow the Department, the administrator, or an authorized representative (including an authorized contractor acting as a representative of the Department or the administrator) to perform the following:
 - a. Enter the premises where a source required to obtain a permit is located or emissions-related activity is conducted, or where records must be kept under the conditions of the permit;
 - b. Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;
 - c. Inspect at reasonable times any facilities, emission units, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit; and
 - d. As authorized by the Montana Clean Air Act and rules promulgated thereunder, sample or monitor, at reasonable times, any substances or parameters at any location for the purpose of assuring compliance with the permit or applicable requirements.
2. The permittee shall inform the inspector of all workplace safety rules or requirements at the time of inspection. This section shall not limit in any manner the Department's statutory right of entry and inspection as provided for in 75-2-403, MCA.

H. Fee Payment

ARM 17.8, Subchapter 12, Operating Permit Program §1210(2)(f) and ARM 17.8, Subchapter 5, Air Quality Permit Application, Operation, and Open Burning Fees §505(3)-(5) (STATE ONLY)

1. The permittee must pay application and operating fees, pursuant to ARM Title 17, Chapter 8, Subchapter 5.
2. Annually, the Department shall provide the permittee with written notice of the amount of the fee and the basis for the fee assessment. The air quality operation fee is due 30 days after receipt of the notice, unless the fee assessment is appealed pursuant to ARM 17.8.511. If any portion of the fee is not appealed, that portion of the fee that is not appealed is due 30 days after receipt of the notice. Any remaining fee, which may be due after the completion of an appeal, is due immediately upon issuance of the Board's decision or upon completion of any judicial review of the Board's decision.
3. If the permittee fails to pay the required fee (or any required portion of an appealed fee) within 90 days of the due date of the fee, the Department may impose an additional assessment of 15% of the fee (or any required portion of an appealed fee) or \$100, whichever is greater, plus interest on the fee (or any required portion of an appealed fee), computed at the interest rate established under 15-31-510(3), MCA.

I. Minor Permit Modifications

ARM 17.8, Subchapter 12, Operating Permit Program §1226(3)&(11)

1. An application for a minor permit modification need only address in detail those portions of the permit application that require revision, updating, supplementation, or deletion, and may reference any required information that has been previously submitted.
2. The permit shield under ARM 17.8.1214 will not extend to any minor modifications processed pursuant to ARM 17.8.1226.

J. Changes Not Requiring Permit Revision

ARM 17.8, Subchapter 12, Operating Permit Program §1224(1)-(3), (5)&(6)

1. The permittee is authorized to make changes within the facility as described below, provided the following conditions are met:
 - a. The proposed changes do not require the permittee to obtain an air quality preconstruction permit under ARM Title 17, Chapter 8, Subchapter 7;
 - b. The proposed changes are not modifications under Title I of the FCAA, or as defined in ARM Title 17, Chapter 8, Subchapters 8, 9, or 10;
 - c. The emissions resulting from the proposed changes do not exceed the emissions allowable under this permit, whether expressed as a rate of emissions or in total emissions;
 - d. The proposed changes do not alter permit terms that are necessary to enforce applicable emission limitations on emission units covered by the permit; and
 - e. The facility provides the administrator and the Department with written notification at least 7 days prior to making the proposed changes.
2. The permittee and the Department shall attach each notice provided pursuant to 1.e above to their respective copies of this permit.
3. Pursuant to the conditions above, the permittee is authorized to make Section 502(b)(10) changes, as defined in ARM 17.8.1201(30), without a permit revision. For each such change, the written notification required under 1.e above shall include a description of the change within the source, the date on which the change will occur, any change in emissions, and any permit term or condition that is no longer applicable as a result of the change.
4. The permittee may make a change not specifically addressed or prohibited by the permit terms and conditions without requiring a permit revision, provided the following conditions are met.
 - a. Each proposed change does not weaken the enforceability of any existing permit conditions;
 - b. The Department has not objected to such change;
 - c. Each proposed change meets all applicable requirements and does not violate any existing permit term or condition; and
 - d. The permittee provides contemporaneous written notice to the Department and the administrator of each change that is above the level for insignificant emission units as defined in ARM 17.8.1201(22) and 17.8.1206(3), and the written notice describes each such change, including the date of the change, any change in emissions, pollutants emitted, and any applicable requirement that would apply as a result of the change.
5. The permit shield authorized by ARM 17.8.1214 shall not apply to changes made pursuant to ARM 17.8.1224(3) and (5), but is applicable to terms and conditions that allow for increases and decreases in emissions pursuant to ARM 17.8.1224(4).

K. Significant Permit Modifications

ARM 17.8, Subchapter 12, Operating Permit Program §1227(1), (3)&(4)

1. The modification procedures set forth in 2 below must be used for any application requesting a

significant modification of this permit. Significant modifications include the following:

- a. Any permit modification that does not qualify as either a minor modification or as an administrative permit amendment;
 - b. Every significant change in existing permit monitoring terms or conditions;
 - c. Every relaxation of permit reporting or recordkeeping terms or conditions that limit the Department's ability to determine compliance with any applicable rule, consistent with the requirements of the rule; or
 - d. Any other change determined by the Department to be significant.
2. Significant modifications shall meet all requirements of ARM Title 17, Chapter 8, including those for applications, public participation, and review by affected states and the administrator, as they apply to permit issuance and renewal, except that an application for a significant permit modification need only address in detail those portions of the permit application that require revision, updating, supplementation or deletion.
 3. The permit shield provided for in ARM 17.8.1214 shall extend to significant modifications.

L. Reopening for Cause

ARM 17.8, Subchapter 12, Operating Permit Program §1228(1)&(2)

1. This permit may be reopened and revised under the following circumstances:
 - a. Additional applicable requirements under the FCAA become applicable to the facility when the permit has a remaining term of 3 or more years. Reopening and revision of the permit shall be completed not later than 18 months after promulgation of the applicable requirement. No reopening is required under ARM 17.8.1228(1)(a) if the effective date of the applicable requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms or conditions have been extended pursuant to ARM 17.8.1220(12) or 17.8.1221(2);
 - b. Additional requirements (including excess emission requirements) become applicable to an affected source under the Acid Rain Program. Upon approval by the administrator, excess emission offset plans shall be deemed incorporated into the permit;
 - c. The Department or the administrator determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emission standards or other terms or conditions of the permit; or
 - d. The administrator or the Department determines that the permit must be revised or revoked and reissued to ensure compliance with the applicable requirements.

M. Permit Expiration and Renewal

ARM 17.8, Subchapter 12, Operating Permit Program §1210(2)(g), §1220(11)&(12), and §1205(2)(d)

1. This permit is issued for a fixed term of 5 years.
2. Renewal of this permit is subject to the same procedural requirements that apply to permit issuance, including those for application, content, public participation, and affected state and administrator review.

3. Expiration of this permit terminates the permittee's right to operate unless a timely and administratively complete renewal application has been submitted consistent with ARM 17.8.1221 and 17.8.1205(2)(d). If a timely and administratively complete application has been submitted, all terms and conditions of the permit, including the application shield, remain in effect after the permit expires until the permit renewal has been issued or denied.
4. For renewal, the permittee shall submit a complete air quality operating permit application to the Department not later than 6 months prior to the expiration of this permit, unless otherwise specified. If necessary to ensure that the terms of the existing permit will not lapse before renewal, the Department may specify, in writing to the permittee, a longer time period for submission of the renewal application. Such written notification must be provided at least 1 year before the renewal application due date established in the existing permit.

N. Severability Clause

ARM 17.8, Subchapter 12, Operating Permit Program §1210(2)(i)&(l)

1. The administrative appeal or subsequent judicial review of the issuance by the Department of an initial permit under this subchapter shall not impair in any manner the underlying applicability of all applicable requirements, and such requirements continue to apply as if a final permit decision had not been reached by the Department.
2. If any provision of a permit is found to be invalid, all valid parts that are severable from the invalid part remain in effect. If a provision of a permit is invalid in one or more of its applications, the provision remains in effect in all valid applications that are severable from the invalid applications.

O. Transfer or Assignment of Ownership

ARM 17.8, Subchapter 12, Operating Permit Program §1225(2)&(4)

1. If an administrative permit amendment involves a change in ownership or operational control, the applicant must include in its request to the Department a written agreement containing a specific date for the transfer of permit responsibility, coverage and liability between the current and new permittee.
2. The permit shield provided for in ARM 17.8.1214 shall not extend to administrative permit amendments.

P. Emissions Trading, Marketable Permits, Economic Incentives

ARM 17.8, Subchapter 12, Operating Permit Program §1226(2)

Notwithstanding ARM 17.8.1226(1) and (7), minor air quality operating permit modification procedures may be used for permit modifications involving the use of economic incentives, marketable permits, emissions trading, and other similar approaches, to the extent that such minor permit modification procedures are explicitly provided for in the Montana State Implementation Plan or in applicable requirements promulgated by the administrator.

Q. No Property Rights Conveyed

ARM 17.8, Subchapter 12, Operating Permit Program §1210(2)(d)

This permit does not convey any property rights of any sort, or any exclusive privilege.

R. Testing Requirements

ARM 17.8, Subchapter 1, General Provisions §105

The permittee shall comply with ARM 17.8.105.

S. Source Testing Protocol

ARM 17.8, Subchapter 1, General Provisions §106

The permittee shall comply with ARM 17.8.106.

T. Malfunctions

ARM 17.8, Subchapter 1, General Provisions §110

The permittee shall comply with ARM 17.8.110.

U. Circumvention

ARM 17.8, Subchapter 1, General Provisions §111

The permittee shall comply with ARM 17.8.111.

V. Motor Vehicles

ARM 17.8, Subchapter 3, Emission Standards §325

The permittee shall comply with ARM 17.8.325.

W. Annual Emissions Inventory

ARM 17.8, Subchapter 5, Air Quality Permit Application, Operation and Open Burning Fees §505 (STATE ONLY)

The permittee shall supply the Department with annual production and other information for all emission units necessary to calculate actual or estimated actual amount of air pollutants emitted during each calendar year. Information shall be gathered on a calendar-year basis and submitted to the Department by the date required in the emission inventory request, unless otherwise specified in this permit. Information shall be in the units required by the Department.

X. Open Burning

ARM 17.8, Subchapter 6, Open Burning §604, 605 and 606

The permittee shall comply with ARM 17.8.604, 605 and 606.

Y. Preconstruction Permits

ARM 17.8, Subchapter 7, Permit, Construction and Operation of Air Contaminant Sources §745 and 764 (ARM 17.8.745(1) and 764(1)(b) are STATE ENFORCEABLE ONLY until approval by the EPA as part of the SIP)

1. Except as specified, no person shall construct, install, alter or use any air contaminant source or stack associated with any source without first obtaining a permit from the Department or Board. A permit is not required for those sources or stacks as specified by ARM 17.8.745(1)(a)-(k).
2. The permittee shall comply with ARM 17.8.743, 744, 745, 748, and 764.
3. ARM 17.8.745(1) specifies de minimis changes as construction or changed conditions of operation at a facility holding an air quality preconstruction permit issued under Chapter 8 that does not increase the facility's potential to emit by more than 15 tons per year of any pollutant, except (STATE ENFORCEABLE ONLY until approved by the EPA as part of the SIP):
 - a. Any construction or changed condition that would violate any condition in the facility's

existing air quality preconstruction permit or any applicable rule contained in Chapter 8 is prohibited, except as provided in ARM 17.8.745(2).

- b. Any construction or changed conditions of operation that would qualify as a major modification under Subchapters 8, 9 or 10 of Chapter 8.
 - c. Any construction or changed condition of operation that would affect the plume rise or dispersion characteristic of emissions that would cause or contribute to a violation of an ambient air quality standard or ambient air increment as defined in ARM 17.8.804.
 - d. Any construction or improvement project with a potential to emit more than 15 tons per year may not be artificially split into smaller projects to avoid air quality preconstruction permitting.
 - e. Emission reductions obtained through offsetting within a facility are not included when determining the potential emission increase from construction or changed conditions of operation, unless such reductions are made federally enforceable.
4. Any facility making a de minimis change pursuant to ARM 17.8.745(1) shall notify the Department if the change would include a change in control equipment, stack height, stack diameter, stack gas temperature, source location or fuel specifications, or would result in an increase in source capacity above its permitted operation or the addition of a new emission unit. The notice must be submitted, in writing, 10 days prior to start up or use of the proposed de minimis change, or as soon as reasonably practicable in the event of an unanticipated circumstance causing the de minimis change, and must include the information requested in ARM 17.8.745(1). (STATE ENFORCEABLE ONLY until approval by the EPA as part of the SIP)

Z. National Emission Standard for Asbestos
40 CFR, Part 61, Subpart M

The permittee shall not conduct any asbestos abatement activities except in accordance with 40 CFR 61, Subpart M (National Emission Standard for Hazardous Air Pollutants for Asbestos).

AA. Asbestos
ARM 17.74, Subchapter 3, General Provisions and Subchapter 4, Fees

The permittee shall comply with ARM 17.74.301, *et seq.*, and ARM 17.74.401, *et seq.* (State only)

BB. Stratospheric Ozone Protection – Servicing of Motor Vehicle Air Conditioners
40 CFR, Part 82, Subpart B

If the permittee performs a service on motor vehicles and this service involves ozone-depleting substance/refrigerant in the motor vehicle air conditioner (MVAC), the permittee is subject to all the applicable requirements as specified in 40 CFR 82, Subpart B.

CC. Stratospheric Ozone Protection – Recycling and Emission Reductions
40 CFR, Part 82, Subpart F

The permittee shall comply with the standards for recycling and emission reductions in 40 CFR 82, Subpart F, except as provided for MVACs in Subpart B.

- 1. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to §82.156.

2. Equipment used during the maintenance, service, repair or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to §82.158.
3. Persons performing maintenance, service, repair or disposal of appliances must be certified by an approved technical certification program pursuant to §82.161.
4. Persons disposing of small appliances, MVACs and MVAC-like (as defined at §82.152) appliances must comply with recordkeeping requirements pursuant to §82.166.
5. Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to §82.156.
6. Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to §82.166.

DD. Emergency Episode Plan

The permittee shall comply with the requirements contained in Chapter 9.7 of the State of Montana Air Quality Control Implementation Plan.

Each major source emitting 100 tons per year located in a Priority I Air Quality Control Region, shall submit to the Department a legally enforceable Emergency Episode Action Plan (EEAP) that details how the source will curtail emissions during an air pollutant emergency episode. The industrial EEAP shall be in accordance with the Department's EEAP and shall be submitted according to a timetable developed by the Department, following Priority I reclassification.

EE. Definitions

Terms not otherwise defined in this permit or in the Definitions and Abbreviations Appendix of this permit, shall have the meaning assigned to them in the referenced regulations.

APPENDICES

APPENDIX A - INSIGNIFICANT EMISSION UNITS

Disclaimer: The information in this appendix is not State or Federally enforceable but is presented to assist the permittee, permitting authority, inspectors, and the public.

List of Insignificant Activities:

The following table of insignificant sources and/or activities was provided by the permittee to assist in understanding the facility layout. Because there are no requirements to update such a list, the emission units and/or activities may change from those specified in the table.

Emissions Unit ID	Description
S01	Sawmill Log Debarker
S04	Chipper Cyclone
S05	Sawmill Building
P11	Knife Grinding Room
F02	Landfill
F03 & F04	Indoor and Outdoor Fuel Storage Piles
F08	Logyard Leveling
F09	Waste Water Treatment Plants

APPENDIX B - DEFINITIONS and ABBREVIATIONS

Definitions:

"Administrative permit amendment" means an air quality operating permit revision that:

- (a) Corrects typographical errors
- (b) Identifies a change in the name, address, or phone number of any person identified in the air quality operating permit, or identifies a similar minor administrative change at the source;
- (c) Requires more frequent monitoring or reporting by Stimson;
- (d) Requires changes in monitoring or reporting requirements that the Department deems to be no less stringent than current monitoring or reporting requirements;
- (e) Allows for a change in ownership or operational control of a source if the Department has determined that no other change in the air quality operating permit is necessary, consistent with ARM 17.8.1225; or
- (f) Incorporates any other type of change which the Department has determined to be similar to those revisions set forth in (a)-(e), above.

"Applicable requirement" means all of the following as they apply to emission units in a source requiring an air quality operating permit (including requirements that have been promulgated or approved by the Department or the administrator through rulemaking at the time of issuance of the air quality operating permit, but have future-effective compliance dates, provided that such requirements apply to sources covered under the operating permit):

- (a) Any standard, rule, or other requirement, including any requirement contained in a consent decree or judicial or administrative order entered into or issued by the Department, that is contained in the Montana state implementation plan approved or promulgated by the administrator through rulemaking under Title I of the FCAA;
- (b) Any federally enforceable term, condition or other requirement of any air quality preconstruction permit issued by the Department under ARM Title 17, Chapter 8, Subchapters 7, 8, 9, and 10, or pursuant to regulations approved or promulgated through rulemaking under Title I of the FCAA, including parts C and D;
- (c) Any standard or other requirement under Sec. 7411 of the FCAA, including Sec. 7411(d);
- (d) Any standard or other requirement under Sec. 7412 of the FCAA, including any requirement concerning accident prevention under Sec. 7412(r)(7), but excluding the contents of any risk management plan required under Sec. 7412(r);
- (e) Any standard or other requirement of the acid rain program under Title IV of the FCAA or regulations promulgated thereunder;
- (f) Any requirements established pursuant to Sec. 7661c(b) or Sec. 7414(a)(3) of the FCAA;
- (g) Any standard or other requirement governing solid waste incineration, under Sec. 7429 of the FCAA;

- (h) Any standard or other requirement for consumer and commercial products, under Sec. 7511b(e) of the FCAA;
- (i) Any standard or other requirement for tank vessels, under Sec. 7511b(f) of the FCAA;
- (j) Any standard or other requirement of the regulations promulgated to protect stratospheric ozone under Title VI of the FCAA, unless the administrator determines that such requirements need not be contained in an air quality operating permit;
- (k) Any national ambient air quality standard or increment or visibility requirement under part C of Title I of the FCAA, but only as it would apply to temporary sources permitted pursuant to Sec. 7661c(e) of the FCAA; or
- (l) Any federally enforceable term or condition of any air quality open burning permit issued by the Department under ARM Title 17, Chapter 8, Subchapter 6.

"Department" means the Montana Department of Environmental Quality.

"Emissions unit" means any part or activity of a stationary source that emits or has the potential to emit any regulated air pollutant or any pollutant listed under Sec. 7412(b) of the FCAA. This term is not meant to alter or affect the definition of the term "unit" for purposes of Title IV of the FCAA.

"FCAA" means the Federal Clean Air Act, as amended.

"Federally enforceable" means all limitations and conditions which are enforceable by the administrator, including those requirements developed pursuant to 40 CFR Parts 60 and 61, requirements within the Montana state implementation plan, and any permit requirement established pursuant to 40 CFR 52.21 or under regulations approved pursuant to 40 CFR Part 51, Subpart I, including operating permits issued under an EPA-approved program that is incorporated into the Montana state implementation plan and expressly requires adherence to any permit issued under such program.

"Fugitive emissions" means those emissions that could not reasonably pass through a stack, chimney, vent, or other functionally equivalent opening.

"General air quality operating permit" or "general permit" means an air quality operating permit that meets the requirements of ARM 17.8.1222, covers multiple sources in a source category, and is issued in lieu of individual permits being issued to each source.

"Hazardous air pollutant" means any air pollutant listed as a hazardous air pollutant pursuant to Sec. 112(b) of the FCAA.

"Non-federally enforceable requirement" means the following as they apply to emission units in a source requiring an air quality operating permit:

- (a) Any standard, rule, or other requirement, including any requirement contained in a consent decree, or judicial or administrative order entered into or issued by the Department, that is not contained in the Montana state implementation plan approved or promulgated by the administrator through rulemaking under Title I of the FCAA;
- (b) Any term, condition or other requirement contained in any air quality preconstruction permit issued by the Department under ARM Title 17, Chapter 8, Subchapters 7, 8, 9, and 10 that is not federally enforceable;

- (c) Does not include any Montana ambient air quality standard contained in ARM Title 17, Chapter 8, Subchapter 2.

"Permittee" means the owner or operator of any source subject to the permitting requirements of ARM Title 17, Chapter 8, Subchapter 12, as provided in ARM 17.8.1204, that holds a valid air quality operating permit or has submitted a timely and complete permit application for issuance, renewal, amendment, or modification pursuant to ARM Title 17, Chapter 8, Subchapter 12.

"Regulated air pollutant" means the following:

- (a) Nitrogen oxides or any volatile organic compounds;
- (b) Any pollutant for which a national ambient air quality standard has been promulgated;
- (c) Any pollutant that is subject to any standard promulgated under Sec. 7411 of the FCAA;
- (d) Any Class I or II substance subject to a standard promulgated under or established by Title VI of the FCAA; or
- (e) Any pollutant subject to a standard or other requirement established or promulgated under Sec. 7412 of the FCAA, including but not limited to the following:
 - (i) Any pollutant subject to requirements under Sec. 7412(j) of the FCAA. If the administrator fails to promulgate a standard by the date established pursuant to Sec. 7412(e) of the FCAA, any pollutant for which a subject source would be major shall be considered to be regulated on the date 18 months after the applicable date established pursuant to Sec. 7412(e) of the FCAA; and
 - (ii) Any pollutant for which the requirements of Sec. 7412(g)(2) of the FCAA have been met, but only with respect to the individual source subject to the Sec. 7412(g)(2) requirement.

"Responsible official" means one of the following:

- (a) For a corporation: a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation, or a duly authorized representative of such person if the representative is responsible for the overall operation of one or more manufacturing, production, or operating facilities applying for or subject to a permit and either:
 - (i) The facilities employ more than 250 persons or have gross annual sales or expenditures exceeding \$25 million (in second quarter 1980 dollars); or
 - (ii) The delegation of authority to such representative is approved in advance by the Department.
- (b) For a partnership or sole proprietorship: a general partner or the proprietor, respectively.
- (c) For a municipality, state, federal, or other public agency: either a principal executive officer or ranking elected official. For the purposes of this part, a principal executive officer of a federal agency includes the chief executive officer having responsibility for the overall operations of a principal geographic unit of the agency (e.g., a regional administrator of the environmental protection agency).

- (d) For affected sources: the designated representative in so far as actions, standards, requirements, or prohibitions under Title IV of the FCAA or the regulations promulgated thereunder are concerned, and the designated representative for any other purposes under ARM Title 17, Chapter 8, Subchapter 12.

Abbreviations:

AQ	Air Quality
ARM	Administrative Rules of Montana
ASTM	American Society of Testing Materials
BACT	Best Available Control Technology
BDT	bone dry tons
Btu	British Thermal Unit
CFR	Code of Federal Regulations
CO	carbon monoxide
DEQ	Montana Department of Environmental Quality
DSCF	dry standard cubic foot
dscfm	dry standard cubic foot per minute
EPA	U.S. Environmental Protection Agency
EU	emissions unit
FCAA	Federal Clean Air Act
gr	grains
HAP	hazardous air pollutant
IEU	insignificant emissions unit
Mbdft	thousand board feet
MMbdft	million board feet
MMBtu	million British thermal units
NO ₂	nitrogen dioxide
NO _x	oxides of nitrogen
O ₂	oxygen
Pb	lead
PM	particulate matter
PM ₁₀	particulate matter less than 10 microns in size
psi	pounds per square inch
scf	standard cubic feet
SIC	Source Industrial Classification
SO ₂	sulfur dioxide
SO _x	oxides of sulfur
TRY	tons per year
U.S.C.	United States Code
VE	Visible emissions
VOC	volatile organic compound

APPENDIX C - NOTIFICATION ADDRESSES

Compliance Notifications:

Montana Department of Environmental Quality
Permitting and Compliance Division
Air & Waste Management Bureau
P.O. Box 200901
Helena, MT 59620-0901

Montana Department of Environmental Quality
Permitting and Compliance Division
301 West Alder St.
Missoula, MT 59802

U.S. EPA
Air Program Coordinator
Region VIII, Montana Office
10 West 15th Street, Suite 3200
Helena, MT 59626

Permit Modifications:

Montana Department of Environmental Quality
Permitting and Compliance Division
Air & Waste Management Bureau
P.O. Box 200901
Helena, MT 59620-0901

Office of Partnerships and Regulatory Assistance
Air and Radiation Program
US EPA Region VIII 8P-AR
999 18th Street, Suite 300
Denver, Colorado 80202-2466

APPENDIX D - AIR QUALITY INSPECTOR INFORMATION

Disclaimer: The information in this appendix is not State or Federally enforceable but is presented to assist Stimson, the permitting authority, inspectors, and the public.

1. Directions to Plant:

The Facility is located on Highway 200 East, 10 miles off Exit 109 on Interstate 90. The main office is located just off Highway behind the park in Bonner.

2. Safety Equipment Required:

All DEQ personnel must contact a Stimson representative before entering any facilities on site.

At all times that a DEQ representative is present upon the premises, the representative shall follow all directions of Stimson. These directions are meant to protect the health and safety of the DEQ representative and facility employees.

DEQ representatives who wish to enter the facility for the purpose of conducting an inspection, as per 75-2-403, MCA, shall at minimum, have in possession and utilize the following personal protective equipment (PPE):

1. Hard Hat
2. Safety Glasses
3. Hearing Protection.

A copy of Stimson's Contractor/Vendor guide to Safe Operations at Stimson Lumber Company Inland Operations" dated August 1995, and received on February 20, 1998, is located in the Department's Air Quality Files.

3. Facility Plot Plan:

A plot plan was submitted on 07/12/95 as part of the facility's Title V Operating Permit Application.